DEFENSE INFORMATION INFRASTRUCTURE (DII)
COMMON OPERATING ENVIRONMENT (COE)
SHARED DATA ENVIRONMENT (SHADE)

INSTALLATION PROCEDURES

FOR THE

DATABASE ADMINISTRATION
RUNTIME TOOLS (DBAdmR)
SOFTWARE SEGMENT

Version 1.1.0.0
for
Solaris 2.5.1 & HPUX 10.20

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Prepared For:

Defense Information System Agency (DISA)
Joint Interoperability and Engineering Organization (JIEO)
Operational Support Facility (OSF)
45335 Vintage Park Plaza
Sterling, VA 20166-6701

Prepared by:

FGM, Inc.
131 Elden St., Suite 204
Herndon, VA 20170

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1.1 Identification.1 Identification

This document is intended to provide pertinent information needed for variant integrators and testers. Information provided includes the following:

- Installation Procedures
- De-installation Notes

1.1.1 Segment.1.1 Segment

Database Administration Runtime Tools (DBAdmR) Software Segment

1.1.2 Version.1.2 Version

1.1.0.0 for Solaris 2.5.1 & HPUX 10.20

1.1.3 Date Completed.1.3 Date Completed

July 1, 1997

FGM INC.
131 Elden Street Suite 204
Herndon, Va. 20170

1.2

Segment Overview.2   Segment Overview

The Database Administration Runtime Tools (DBAdmR) Software Segment provides the Database Administrator (DBA) with a set of Graphical User Interface (GUI) tools that will manage physical storage, start and stop the Database Management System (DBMS) server, modify the DBA password, and display the error logs.

The DBAdmR segment also provides DII COE database segment developers with a basic set of Application Programming Interfaces (API) that will allow them to start and stop the DBMS server and manage physical storage.

The DBAdmR segment supplies the following DBA tools:

- Identify Storage - Identifies disk devices on a COE Database Server and allows the DBA to allocate and deallocate physical storage on those disk devices.

- Server Control - Starts or stops the DBMS server.

- Set Password - Prompts for and sets the DBA password.

- Error Logs - Displays the error logs of the other 3 tools.

- Extend Datastore - Allocate additional physical storage to an existing data store.

The DBAdmR segment also supplies the following APIs:

- DBAStartServer - Start a DBMS Server, if not running.

- DBAStopServer - Stop a DBMS Server, if running.

- DBACreateDS - Create a data store on a COE Database Server and allocate physical storage to the data store.

- DBAExtendDS - Allocate additional physical storage to an existing data store.

- DBADropDS - Remove a data store from a COE Database Server and deallocate the physical storage assigned to that data store.

2.

Segment Installation/De-installation

2.1 . Version DescriptionInstallation Procedure.5 Installation Notes

The DBAdmR segment is installed on DII COE 3.1, Solaris 2.5.1 or HPUX 10.20 platform using the COEInstaller. This installation process will lay down all executables, scripts, database modifications, and data files required to run the DBAdmR tools.

This release of DBAdmR *must* be loaded on the machine that is intended to be the Database Server. Also, Sybase , Oracle, OR Sybase must already be loaded on the machine to allow the dbadmin password to be set during installation.

Note: Before installing DBAdmR when using Informix RDBMS, make sure that the Unix user account of 'informix' has a password. This is not done automatically by the Informix installation, and must be performed by a system administrator

Note: all directories should remain mounted to their respective servers.

The following instructions are for installing this release of DBAdmR:

1. Login as 'sysadmin'.
2. Choose the **Segment Installer** option from the **Software** pull-down menu.
3. After the **Segment Installer** window appears, click on the **Read Contents** button.
4. When the table of contents results are returned, highlight the **Database Administrator Runtime** segment, then click on the **Install** button.
5. During the installation, you will be prompted to enter a new password for the 'dbadmin' user account.
6. After the installation completes, you may exit the **Segment Installer**.

At this point, all of the executables, scripts, and data files required to run the DBAdmR tools have been loaded. The Database Administrator must login as 'dbadmin' to use the DBAdmR tools.

2.2 De-installation Procedure.6   De-installation Notes

This software may be de-installed via the COEInstaller De-install option. It is critical to De-install any database segments that may have been installed prior to performing the De-install of the DBAdmR segment. The Database Administrator should use the Identify Storage tool to de-allocate disk storage.

The following instructions are for de-installing this release of DBAdmR:

Installation Procedures

1. Login as 'sysadmin'.
2. Choose the **Segment Installer** option from the **Software** pull-down menu.
3. After the **Segment Installer** window appears, select the **Database Administration Runtime** segment from the list of installed segments and click on the **De-install Software** button.
4. The DBAdmR segment de-install scripts will fully remove the DBAdmR segment and all related files.
5. After the de-installation completes, you may exit the **Segment Installer**.

3.

Notes.   Notes

The following provides an alphabetical listing of acronyms used in this document:

Acronym	Definition
COE	Common Operating Environment
DBA	Database Administrator
DBAdmR	Database Administration Runtime Tools Software Segment
DBMS	Database Management System
DII	Defense Information Infrastructure
SHADE	Shared Data Environment
SYSADMIN	System Administration Account Group Segment